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Wolf, Hervé [FR/FR]; 27, rue Berthollet, F-75005 Paris (FR).

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(74) Agents: **ERNEST GUTMANN - YVES PLASSERAUD**  
S.A. et al.; 3, rue Chauveau-Lagarde, F-75008 Paris (FR).

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(71) Applicants (*for all designated States except US*): **INSTITUT CURIE** [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR). **UNIVERSITE PIERRE ET MARIE CURIE (PARIS VI)** [FR/FR]; 4, place Jussieu, F-75252 Paris Cedex 05 (FR).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **JOHANNES, Ludger** [FR/FR]; 62, rue de Strasbourg, F-92400 Courbevoie (FR). **TARTOUR, Eric** [FR/FR]; 35, rue Guersant, F-75017 Paris (FR). **GOUD, Bruno** [FR/FR]; 61, rue des Morillons, F-75015 Paris (FR). **FRIDMAN,**

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(54) Title: **UNIVERSAL CARRIER FOR TARGETING MOLECULES TO GB3 RECEPTOR EXPRESSING CELLS**

(57) Abstract: The present invention concerns an universal polypeptidic carrier for targeting directly or indirectly a molecule to Gb3 receptor expressing cells and having the following formula STxB-Z(n)-Cys, wherein: STxB is the Shiga Toxin B subunit or a functional equivalent thereof, Z is an amino-acid devoided of sulfydryl group, n being 0, 1 or a polypeptide, Cys is the amino-acid Cysteine, and the use thereof for MHC class I and MHC class II presentation of antigens.

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